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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 25th March 1972

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

4th March 1972

- 134821. Colgate Palmolive Company. Process for preparing stable dentifrice.
- 134822. Girling Limited. Liquid reservoirs. (10th March 1971).
- 134823. Leningradsky Ordena Lenina Politekhicheskyy Institut Imeni M. I. Kalinina and Leningradsky Ordena Trudovogo Krasnogo Znameni Zavod "Elektrik" im. N. M. Shvernika. Programmer for successive timing of working cycles in apparatus controlling industrial units.
- 134824. British Steel Corporation. Improvements in steel-making. (5th March 1971).
- 134825. C. E. S. (Grinding machines) Limited. Improved grinding machine.
- 134826. The Metal Box Company Limited. Improvements relating to articles having arcuate perimeter regions. (4th May 1971).
- 134827. Preformed Line Products Company. Cathodic protection apparatus.
- 134828. Preformed Line Products Company. Vibration damper.
- 134829. Ravizza S. A. Process for the preparation of a 7-chloro-benzodiazepine (5th March 1971).
- 134830. Ravizza S. A. Process for the preparation of 7-chloro-benzodiazepine derivatives. (5th March 1971).

- 134831. D. L. Rowland. Improvements in or relating to seats and the like.
- 134832. Johnson & Johnson. Composition suitable for forming casts.
- 134833. Scientronic Instruments. Distillation apparatus.
- 134834. S. S. Chandak. Bobbin rive.
- 134835. Council of Scientific and Industrial Research Device for increasing speed of bicycles.
- 134836. Council of Scientific and Industrial Research. Fits feeler slide.
- 134837. Council of Scientific and Industrial Research. Sleeve with built-in ejector for use in drilling and similar operations.

6th March 1972

- 134838. A. N. Goyal. Electric Safety metre.
- 134839. Westinghouse Electric Corporation. Electronic components having improved ionic stability.
- 134840. Shell Internationale Research Maatschappij N. V. Process for the removal of soot from aqueous suspensions thereof.
- 134841. Österreichische Stickstoffwerke Aktiengesellschaft. Agent for regulating the growth and metabolism of plants.
- 134842. Tenco Brooke Bond Limited. Improvements in or relating to the fermentation of tea. (9th March 1971). [Addition to No. 118512].
- 134843. Constructions Mecaniques Pierre Hanssen & Cie S. A. Improvements in or relating to unpleating rollers, notably for unpleating films of fibre, cellulose or other materials.
- 134844. Constructions Mecaniques Pierre Hanssen & Cie S. A. Improvements in or relating to flexible tubes, notably for unpleating rollers, contractors and other devices, and rollers constructed from said tubes.

134845. R. S. Bir. Dual direction lubricating pump.
134846. Omnico Systems International, Inc. Prefabricated building construction.
134847. Ruhrkohle Aktiengesellschaft. A process for the removal of hydrogen sulphide and ammonia from other gases and/or water.
134848. J. P. Palkhiwala. Differential Mechanism.
134849. K. R. Rappai. Automatic filling of cans and bottles with liquid.

7th March 1972

134850. Council of Scientific & Industrial Research. A method of manufacture for forming integral fins on metal tubes.
134851. B. S. Chhaganlal. Decowall or artistic structural construction to make decorative rack on wall or on any plain surface.
134852. K. N. S. R. Reddy. Improved reversible variable delivery sliding vane pump or motor.
134853. V. A. Fraiolo and P. J. Monks. Electrochemical cell.
134854. Simmer Aktiengesellschaft planning und Bau von Industrieanlagen. Process for the production of regenerate.
134855. Dr. S. S. Ghose. Process for making of zircon base abrasion resistant grinding media.
134856. Telefunken Patentverwertungsgesellschaft m.b.H. and Teldec-Telefunken-Decca Schallplatten G.m.b.H. A pressure sensor for scanning stored signals recorded on a carrier [Divisional date 23rd June 1970].
134857. Telefunken Patentverwertungsgesellschaft m.b.H. and Teldec-Telefunken-Decca Schallplatten G.m.b.H. A pick-up adapted for playback of signals stored in a carrier. [Divisional date 23rd June 1970].
134858. R. E. Drake. Molding methods, apparatus and products.
134859. Mefina S. A. Sewing machine.
134860. Universal Oil Products Company. Hydrocarbon separation process.
134861. Stamicarbon N. V. Polyolefins.
134862. S. A. Patel. Shell moulding machines.
134863. Richter Gedeon Vegyeszeti Gyar R. T. Racemic and optically active 1-(2, 5-dichlorophenoxy)-3-tert butylamino-2-propanol and its salts, as well as processes for the preparation thereof.
134864. I. W. S. Nominee Company Limited. Zirconium flame-resist treatment. (18th March 1971).
134865. The Wheelabrator Corporation. A blade for use with a centrifugal blasting wheel. [Divisional date 3rd February 1971].
134866. Dr. J. P. Gupta. All round moving cum oscillating Table fan. [Addition to No. 106714].

8th March 1972

134867. Council of Scientific and Industrial Research. Improvements in or relating to the fabrication of solid foil type aluminium electrolytic capacitors.
134868. The Textile Appliance & Instruments Company Private Limited. Device for separating lint from non-lint in textile fibres.
134869. Tapendra Krishna Mookerjee. Improvement in or relating to filter pump.
134870. Shrimati Sabita Gupta and Shrimati Sunanda Banerjee. Electric rotary step-switch.
134871. Shell Internationale Research Maatschappij N. V. Butadiene recovery process.
134872. Universal Oil Products Company. Regeneration of a coke-deactivated catalyst comprising a combination of platinum, rhenium and halogen with a porous carrier material. [Addition to No. 125840].

134873. Imperial Chemical Industries Limited. Electrodes for electro-chemical processes. (18th March 1971).
134874. Imperial Chemical Industries Limited. Electrodes for electrochemical processes. (22nd March 1971).
134875. RCA Corporation. Wire bonded integrated circuit devices and method for their manufacture.
134876. Westinghouse Electric Corporation. Improved spaced-metallic-plate-type of arc-chute for a switch.
134877. Hydrocarbon Research, Inc. Two stage counter-current hydrogenation of coal.
134878. Industrie Pirelli Societa Per Azioni. Moulding profile of a radial cord carcass tyre and process for making the same. (28th January 1972).
134879. Schlumberger Overseas S. A. Electric well logging apparatus.
134880. The Dow Chemical Company. Interfacial Surface Generator and method of preparation thereof.
134881. N. V. Philips Gloeilampenfabrieken. Semiconductor device and method of manufacturing same.
134882. Norton Company. Grinding wheels.
134883. American Cyanamid Company. Soil treatment insecticide.
134884. V. S. Kamboj. Door closures.
134885. Heinrich Wigger & Co. Chopper (chipping machine) for the crushing, particularly, of raw material of small cross-section, such as wood waste (chips of wood) and similar material.
134886. Fabrica De Antibiotice Iasi. Process for the purification of vitamin B₁₂.
134887. H. K. Syal. An improved method of connecting the lead or pig tail to the carbon brush.
134888. B. A. Bochkarev and V. A. Bocharova. Metallized resistor.

9th March 1972

134889. Girling Limited. Improvements in and relating to sliding caliper disc brakes. (9th March 1971).
134890. Girling Limited. Improvements in and relating to sliding caliper disc brakes (9th March 1971).
134891. Rohm and Haas Company. Crushed foam coating for leather and leather-like materials.
134892. Door-Oliver Incorporated. Improvements in diaphragm pumps and actuating systems therefor.
134893. Mrs. Usha Kishore Asar. A weighing machine.
134894. Krka Tovarna Zdravil. Process for preparing 7-chloro-1-methyl-5-phenyl-2, 3-dihydro-1H-1, 4-benzodiazepine-2-one.
134895. Monsanto Company. Regulating plants with n-phosphonomethyl-glycine and derivatives thereof.
134896. Johns-Manville Corporation. Pipe joint.
134897. Sreemati Sunanda Bhattacharya. An apparatus for lowering mercury level of clinical thermometer.

10th March 1972

134898. Union Carbide Corporation. Boron nitride containing vessel having a surface coating of zirconium silicon. [Addition to No. 118635].
134899. Colgate-Palmolive Company. Method of preparing stable dentifrice.
134900. Colgate-Palmolive Company. Stabilized dentifrice.
134901. Colgate-Palmolive Company. Stable dentifrice.
134902. Dunlop Limited and Neil Lawson. Improvements in or relating to power transmission, conveyor and vehicle track belts. (11th March 1971).
134903. Zaidan Hojin Hisebutsu Kagaku Kenkyu Kai. Process for the production of new pepstatins having anti-pepsin activity.

134904. Nippon Kayaku Kabushiki Kaisha. An antimicrobial agent for use in agriculture and horticulture and a process for preparing same.

134905. Raytheon Company. Heat exchange structure. (16th October 1970). [Addition to No. 122053] [Divisional date 27th October 1970].

134906. Canadian Patents and Development Limited. System for determining amount of an element dissolved in a molten metal. (24th December 1969) [Divisional date 12th November 1970].

134907. Smt. B. Steelakshmi. An electrical item with a title trimagster.

Alteration of Date

126971. The claim to priority date 22nd June 1969 has been abandoned and the application dated as of 6th June 1970, the date of filing in India.

126991. The claim to priority date 21st June 1969 has been abandoned and the application dated as of 9th June 1970, the date of filing in India.

133386. Ante-dated to 14th September 1970 under Section 5 of the Act.

133936. Antedated to 16th June 1970 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

126900. Velero S. A. Improvements in or relating to a method of and apparatus for cutting loops placed on a support for producing hooks therefrom. Accepted on 2nd March 1972.

Comprising advancing support with loops thereon, locating passage of each row of loops at a predetermined point and directing a laser beam against one of the leg portions of each loop.

126901. K. Vogt. Method and machine for winding a tie support for producing hooks therefrom. Accepted on 2nd March 1972.

Comprising wire winding means including clamping means for engaging the wire at spaced locations and control means for periodically opening and closing each clamping means and drive means cooperating with the winding means including an endless transport member and a drive member engageable with said member to displace the winding means.

126902. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo dyestuffs process for preparing them and process for dyeing, printing or colouring textile materials therewith. Accepted on 2nd March 1972.

Diazotized -1-amino-benzene-4-sulfonic acid is coupled with 1-hydroxy-naphthalene-4-p hydroxy-ethylsulfone-sulfonic acid ester.

126903. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo dyestuffs process for their manufacture and process for dyeing polyester fibres therewith. Accepted on 2nd March 1972.

Diazotized 2, 4-dimethylaniline is coupled with O-phenylaminoquinoline.

126907. The Concrete Construction Co. Improved moulds for making blocks for compression tests on concrete or the like. Accepted on 2nd March 1972.

Comprising four vertical plates having ear projections assembled by detachable fixing means to form a frame of desired shape, said frame being fitted to a base plate by detachable fixing means.

126929. Ciba Limited. Phthalocyanine dyestuffs, process for their manufacture and natural or synthetic textile materials dyed therewith. Accepted on 3rd March 1972.

Ceroline the product obtained by reacting a phthalocyanine containing copper or phthalocyanine containing nickel with chlorosulphonic acid with the appropriate coupling component.

126943. Union Carbide Corporation. Leclanche dry cell with thick wall paste separator. Accepted on 4th March 1972.

Characterized in that paste separator has a maximum wall thickness as determined by the following equation, (1) $P=Z-(Ro-RII)$ wherein P =minimum wall thickness of paste separator Z =radial distance from the anode surface to the means-mass radius of cathode mix Ro =outside radius of cathode mix cake and RII =the mean mass radius of cathode mix cake (2) $Z=1.3(0.141D+0.002)$ wherein D =maximum cell diameter for standard dry cell (3) $RII=RI-Z$ wherein RI =inside radius of Zinc anode and (4) $Ro=\sqrt{.2RII^2-Re^2}$ wherein Re =radius of central electrode rod.

126947. Dunlop India Limited. Improved valve assembly. Accepted on 4th March 1972.

Comprising a housing having an axial passage and having one of its under adapted for securing to the article, the other end of the housing receiving a detachable nut having a shoulder in its inner wall, a central passage in the nut coaxial with the housing passage, a diaphragm between said other end of housing and the nut shoulder, said diaphragm having punctured circular hole(s) eccentric in relation to the nut passage and against the nut shoulder.

126954. s. a. PRB. Process for arylating olefines and olefins prepared thereby. (9th April 1970). Accepted on 3rd March 1972.

Comprises reacting an aryl diazonium salt with an olefin in the presence of an alkanolic acid and catalytic amount of copper halide.

126960. Montecatini Edison S.p.A. A. Baruffini F. Gialdi and R. Ponci Herbicidal compositions. Accepted on 6th March 1972.

Comprising one or more n, n-dialkyl-naphthamides as active ingredient together with a diluent/carrier and a surface active agent.

126971. Imperial Chemical Industries Limited. Polymeric shaped articles and preparation thereof. Accepted on 6th March 1972.

A shaped polymeric article prepared by polymerising a homogeneous mixture comprising (a) from 5% to 95% by weight of polyurethane precursors and (b) from 95% to 5% by weight of cured polyester resin precursors the shaped article being formed by reacting the polyfunctional compound and the polyisocyanate together and with the ethylenically unsaturated polyester, the mixture being shaped before reaction has proceeded to the extent that the mixture has become intractable.

126984. S. P. Joshi. Improvements in or relating to stands for placing, and holding, articles. Accepted on 7th March 1972.
Comprising a body having a ledge projecting from one side of it and accomodating atleast two slabs of resilient material and one or more cups of flexible material on the other side of it for attaching it to a surface.
126991. Didier Werke A. G. Improvements in and relating to magnesia refractory products. Accepted on 4th March 1972.
Producing magnesia bricks from a granular mixture of sintered magnesia with chemical bonding agent, then drying and subsequently impregnating therewith a medium having a high carbon content, the granular mixture containing 10-20% of granules having a grain size below 0.1mm.
126827. M. G. Phadke. A leak proof bicycle pump nozzle. Accepted on 28th February 1972.
Comprises an air barrel, a valve holder assembly connected at one end of the barrel wherein an intermediate floating cup washer assembly being provided between the air inlet end of the barrel and holder assembly.
126835. Union Carbide Corporation. Cyclopentadiene modified supported diene chromium catalyst process for the preparation thereof process for the polymerization of olefins using the same and polymer whenever prepared by the said process. Accepted on 28th February 1972.
Improved process for the preparation of an olefin polymerization catalyst comprising adding cyclopentadiene after deposition of a diene chromium compound onto an inorganic oxide support under inert conditions.
126861. Basic Packaging Systems, Inc. A chain of connected bag elements. Accepted on 28th February 1972.
Each of bag elements comprising bottom and top ends and two sides, the bag elements being arranged in the chain in generally side by side relationship with the top and bottom end arranged in planar relationship with the longitudinal axis.
126877. G. P. S. Yssel. Vehicle headlamp adjusting means. Accepted on 1st March 1972.
Connections of the relatively movable mechanical parts to the crank arm mechanism are adapted to effect the tilting motion of the headlamp to an extent proportional to the difference in sagging of the vehicle body.
126878. John Lysaght (Australia) Limited. Silo. Accepted on 1st March 1972.
Wherein a male neck ring is secured to the hopper floor about the discharge opening and extends downwardly therefrom through the intake opening of the take-off boot.
126897. Alcan Research and Development Limited. Apparatus for use in the preparation of aluminium. Accepted on 2nd March 1972.
Comprising sampling means for cell voltage and current, means for extrapolating to determine back e.m.f., means for comparing with predetermined value.
127052. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions suitable for rice protection. Accepted on 4th March 1972.
Comprises O- β chloroisopropyl-S-methyl-S-(4-chlorophenyl)-Phosphorodithiolate, an O-alkyl-S-diphenyl phosphorodithiolate and a carrier.
127095. Plasto-Iron (India) Private Limited. Machine for the manufacture of thermoplastic nett. Accepted on 4th March 1972.
Comprising a lower stationary flat sheet die having a die lip and an upper sheet die having a movable die lip, both the die lips being provided with a series of perforations for the passage of molten thermoplastic materials and a stationary channel connecting the said two die lips.
127115. Tektronix, Inc. Integrated circuit of semiconductor material. Accepted on 3rd March 1972.
Comprising a substrate member, an epitaxial layer, isolation means, a plurality of bipolar transistors and a plurality of separate buried layer regions.
127201. A. Pitner and Nadella. Improvements in and relating to shaft assemblies. (4th September 1969). Accepted on 2nd March 1972.
Comprising a shaft member and a power transmission member with supporting surfaces on both provided with a key engaged between them and a method of making said shaft assembly comprising steps of forming on two said members two supporting surfaces by cold deformation and assembling the two said members by the said key.
127280. B. Shilpi. Improvements in or relating to turn-about plaything. Accepted on 7th March 1972.
Comprising a foundation assembly, a fulcrum axle carrying a pair of extension brackets, a fixed ratched wheel and a pair of spring tensioned ratchet pawls.
127284. Instytut Przemyslu Miesnego. Aromatizing and/or antiseptic and/or oxidation inhibiting agent for food products as well as method of producing and applying the agent. Accepted on 4th March 1972.
Comprising as the active component, one, two or three fractions isolated from smoke produced from destructive distillation of cellulose and/or lignin material and being dissolved in a carrier.
127290. J. J. David. An improved suction valve for air or gas compressors or vacuum pumps of the reciprocating type. Accepted on 28th February 1972.
Comprises a split circular ring fitted inside the cylinder bore at the level of a set of radial holes in such a way that the opening movement of the suction valve is provided by the inward collapsing action of the split circular ring.
127322. Council of Scientific and Industrial Research. An Improved log periodic dipole antenna for beam compression and gain improvement. Accepted on 7th March 1972.
Comprising a dielectric board supporting plurality of dipoles having small gaps between feed points of which are displaced along the dipole axis.
127501. M. Koenig, and D. N. Rascheeff. Apparatus for loading gel explosives into boreholes. Accepted on 2nd March 1972.
Comprising a rigid pipe, a compressed air supply hose, a compressed air source connected to one end of the hose, and releasable coupling means for connecting one pipe end to the compressed air supply hose.
127919. Sandoz Ltd. Nickel compounds process for the production thereof and process for the stabilization of organic polymers using the same. Accepted on 3rd March 1972.
Comprises reacting 1 mol of a nickel compound with 2 mole of a compound $-R-S-(CH_2)_n-COOMe$ where R is alkyl or aryl, n is 1 or 2, and Me is hydrogen or monovalent cation.
128004. H. Vidal. Cladding for reinforced earth structures. Accepted on 24th February 1972.
Cladding comprises cladding elements in the form of slab or plate for cladding a free surface of mass of particles of a reinforced earth structure having reinforcements embedded therein, at least some of the elements being secured to the reinforcements, and joints comprising means for sealing off the particles being provided between edge portions of adjacent slabs.

128149. Leningradsky Metallichesky Zavod Imeni XXII Siezda Kpss. Feedback arrangement for the speed control system of a hydraulic turbine. Accepted on 25th February 1972.

Comprises a first fluid pressure servomotor belonging to the control system, said servomotor connected to a shaft of a control mechanism through a tape or cable for controlling actuation, said shaft also connected to a second fluid pressure servomotor having a cylinder for a pressurised fluid.

128185. Universal Oil Products Company. Dehydrogenation method and catalytic composite for use therein. Accepted on 26th February 1972.

Catalytic composite comprising a platinum group component, a germanium component an alkali or alkaline earth component and a porous carrier material.

128230. Nani Gopal Paul. Spur gear generating attachment for shaping machine. Accepted on 28th February 1972.

Comprising dividing head with fixing chuck, sliding table, gear train of four wheels, lead screw, worm-spindle with change wheels, carried on same pin in a bracket.

128381. Council of Scientific and Industrial Research. Improvements in or relating to the reduction of phosphorus content of high phosphorus manganese oxide ores. Accepted on 6th March 1972.

Characterised in that the alkali consists of an alkali carbonate with or without an alkali metal hydroxide.

128423. The Upjohn Company. Herbicidal compositions comprising halopyrazole derivatives. Accepted on 6th March 1972.

Formulations for weed control comprising a dispersible carrier and as active ingredient a 1-(substituted-hydrocubyl)-di- or trihalopyrazole.

128460. S. a PRB, Societe Anonyme. Rust inhibitor. Accepted on 2nd March 1972.

Consisting of tannic acid of high purity and molecular weights, a catalyst to chelate from atoms and a cross-linking agent to increase the molecular weight of ferric chelate.

128472. Shalimar Chemical Company. An improved paste container. Accepted on 6th March 1972.

A tube shaped hollow container having an annular plug at its lower end characterises in that the annular plug has an outwardly disposed hollow cup-like surface closely conforming with the upper conical portion of the container.

128526. Dynamit Nobel Aktiengesellschaft. Apparatus for manufacturing spirally wound pipes. Accepted on 4th March 1972.

Comprising a mandrel and a composite means including a plurality of component rollers adapted to apply pressure to the parts which define a configuration.

128535. Progil Electrolysis trough. Accepted on 1st March 1972.

Comprising anode assembly comprising input support plate encased in metal sheet and metal anodes connected at one end of the input by bolts secured in support plate with other end connected to common connector, and a cathode assembly.

128540 Joseph Lucas (Industries) Limited. Apparatus for testing electromagnetic horns. (27th October 1969). Accepted on 6th March 1972.

Comprising in combination means for deriving an electrical signal representative of the current flowing in the solenoid, and a measuring device for measuring the frequency of the signal.

128617. Council of Scientific and Industrial Research. An apparatus for the production of both positive and negative D. C. voltage. Accepted on 7th March 1972.

Comprising two diodes connected in the input stage two different types of transistors for phase shifting and electronic condenser for filtering off the ripple voltage.

128679. M & T Chemicals Inc. Process for preparing an electrocoated article, composition therefor and article so prepared. Accepted on 4th March 1972.

A first electrode is maintained in intimate electrical contact with a bath, consisting of (a) particles of an amine containing organic coating material having a positive charge in combination with (b) a blocked multifunctional isocyanate, as anode a conductive article to be coated at least a portions of which bear a negative charge is immersed in said bath as cathode, electric current is passed through the electrode and the coated article heated.

128689. K. K. Xavier. An Improved cartridge for a shot gun. Accepted on 4th March 1972.

Comprising a shell containing the gun powder and a short sleeve screwed into the front end of the shell wherein a pin fitted diametrically in the sleeve, a rifling element capable of imparting spin to a bullet being fixed on the pin and a metal cover screwed on to the element encapsulating a lead bullet.

128722. Mitsubishi Denki Kazushiki Kaisha. Direct current power control system. Accepted on 6th March 1972.

Includes a common pulse generator unit for generating a commutation pulse, said pulse generator unit being connected across plurality of main thyristors through pulse distribution thyristors to supply the commutation pulse to a selected one of said main thyristors through the associated distribution thyristor.

128796. Combustion Engineering, Inc. Method and apparatus for producing vapor in a vapor generator with economizer. Accepted on 4th March 1972.

Comprising the steps of passing a heating fluid through said tubes, supplying a vaporizable liquid to the vessel, preheating the vaporizable liquid and vaporizing the preheated liquid.

128861. Osborn-Mushet Tools Limited. Improvements in or relating to twist drills. (20th October 1969). Accepted on 4th March 1972.

Having a point angle within the range of 55° to 73°, a helix angle of 10° to 20° and a web thickness of 18.5% to 25% of the drill diameter.

128917. Farbenfabriken Bayer Aktiengesellschaft. A fungicidal or insecticidal composition containing as active ingredient a 2-hydroxymethyl-3, 4, 5, 6-tetrachlorobenzoic acid derivative. Accepted on 3rd March 1972.

A fungicidal composition containing as active ingredient a 2-hydroxymethyl-3, 4, 5, 6-tetrachlorobenzoic acid derivative in admixture with a solid diluent or carrier or in admixture with a liquid diluent or carrier containing a surface active agent.

128921. The Goodyear Tire & Rubber Company. Improvements in safety members for passenger conveyors. Accepted on 1st March 1972.

A fluid containing body having a flexible wall mounted in an opening for the handrail, a pressure sensitive switch means in communication with a fluid in said body and responsive to increases in fluid pressure due to forces exerted on said wall.

128984. N. S. Pochkhanawala. Improvements in or relating to can openers and the like. Accepted on 6th March 1972.

Can to be opened is sandwiched between crown and gear wheel when crank is turned in anti

clockwise direction and the cutter starts slitting the lid member when said crank is turned in anti clockwise direction whereby the said can in clockwise direction.

129118. Kuraray Co. Ltd. Polyvinyl alcohol fibre having excellent properties at high temperature and radial ply tyre comprised of the same. Accepted on 4th March 1972.

The fibre has the property of yarn tenacity of more than 7.5 g/d at 120°C, the yarn creep of less than 2% at 135°C and yarn initial modulus of more than 100 g/d at 120°C and contains boric acid or borate in an amount of 0.2 to 0.9% by weight of polyvinyl alcohol.

129392. The Bunker-Ramo Corporation. Electrical connector having improved contact retention system. Accepted on 6th March 1972.

Comprising a plurality of parallel conductive contacts in combination with contact-supporting and isolation means consisting of dielectric body members, together with a single isolation disc confined between said members.

129421. Walchandnagar Industries Limited, Jyoti Prasad Mukherji, Anil Chandra Chatterjee and Balakrishna Anand Bhagwat. A juice heater and Process for heating juice therewith. Accepted on 6th March 1972.

Heating medium is in mixed current flow with the juice that is to be heated, said juice and said heating medium being in continuous flow.

129743. D. Singh and C. P. S. Panwar. Portable power trimmer. Accepted on 4th March 1972.

Comprising a swivel block mounted on a carriage an extension bar on the block, on one end of which a trimmer unit is mounted to the position by a three way bar.

129476. Universal Oil Products Company. Method for separating the effluent from a hydroprocessing reaction zone. Accepted on 4th March 1972.

Comprising a technique for recycling an enrichment stream utilizing the hot separator zone the cold separator zone and a fraction at zone.

129809. Hitachi Shipbuilding & Engineering Co., Ltd. Plantation refined sugar producing process. Accepted on 25th February 1972.

Comprises carbonating sugar cane juice to remove part of impurities and coloring matter de coloring the juice with granular active carbon, further removing the impurities by a combination of ion exchange resin and ion exchange membrane electrodialysis concentrating the juice and crystallizing.

129943. K. K. Xavier. An Improved air rifle. Accepted on 4th March 1972.

Barrel rear end is fixed in a screwed socket cum chamber face plate, a chamber disc housing plate, a rotative chamber disc in said housing plate, a cylinder behind an air chamber plate, an air piston in said cylinder connected with a catch attachment and a loading mechanism.

130096. Cabot Corporation. Process for producing carbon black. Accepted on 8th March 1972.

A process for producing carbon black which comprises (A) providing an enclosed gas stream comprising combustion product gases, oxygen or mixture thereof, (B) providing at least one feedstock atomizate-containing stream by (i) combusting a fluid fuel with an oxygen containing gas in an enclosed zone and accelerating the resulting combustion product gas stream to a kinetic head of at least 3 p.s.i. and (ii) injecting substantially transversely in to said accelerated combustion product gas stream (c) conducting each said

atomizate stream of (B) at substantially transversely into the periphery of said gas stream of (A) and (D) quenching the resulting reaction mixture sufficiently downstream of said atomizate injection step of (C).

130114. Akademia Gorniczo-Hutnicza im. Stanistawa Staszica. Method of manufacturing hydration-resistant refractories from lime and dolomite raw materials. Accepted on 6th March 1972.

Crushed lime and dolomite is mixed with calcium chloride which is briquetted and calcined at 800 to 1600°C then it is crushed and mixed with a binding agent and then moulding to the prepared mass.

130307. L. Danieli. Improvements in continuous casting equipment. (1st October 1970). Accepted on 6th March 1972

Casting lines are located on a substantially curved line and wherein the side casting lines are set back relatively to the inner casting lines and the feed box is provided with lateral walls which are convex outward.

130521. K. K. Xavier. Improvements in or relating to air rifles. Accepted on 7th March 1972.

Comprising a face plate with a screwed socket in which rifle barrel is fixed, and a second socket in face plate in which one end of a tube is fitted, tube being rotated by a knob fixed at its opposite end, a tubular magazine carrying a row of pellets in the tube, a pusher seated in the magazine and its threaded ends engage the internal threads in the tube in such a way that on turning the knob the pusher moves longitudinally and delivers each pellet to a slot in the front face of feeder cum air chamber plate and a cradle in the slot by which each pellet is lifted and brought in line with barrel

130616. Brown Boveri & Company Limited. Apparatus for monitoring the air gap in rotary electrical machines. Accepted on 2nd March 1972.

Comprising a plurality of probes sensitive to magnetic field and mounted on the stator, pairs of the probes being connected up in a bridge circuit.

130684. L. F. Leas, R. L. Leas and C. J. Johnson. Method for the gasifying and desulfurizing of char, coke and coal and for the production of desulfurized superheated carbon dioxide. (12th January 1971). Accepted on 28th February 1972.

Gasifying coke, coal or other residual carbon by using of cobalt or similar reactive oxide with use of air as regenerative fluid by superheating carbon dioxide which in turn gasifies carbon to carbon monoxide

130712. S. G. Borlikar. Improved foldable food carrier. Accepted on 1st March 1972.

Characterized in that, the lower most of the receptacles is provided with a bracket on its two sides, each of the receptacle is of different size, each receptacle is provided with a dish, a pair of detachable strip members, having a catch at one end for engaging with a respective bracket of the lowermost receptacle and a slab at the other end of the strip member, a handle having a grip at the upper portion and two arms, said stud is provided with a stud, a locking member, pivotally mounted below the grip of the handle.

130741. Fabbrica Italiana Magneti Marcelli S.p.A. An electronic device for regulating the voltage of alternators, particularly for motor-vehicles. Accepted on 2nd March 1972.

Characterized in that the power circuit supplying current to the field winding comprises one or more supply lines and each comprising a silicon controlled rectifier diode.

130789. K. K. Xavier. A gear operated loading mechanism for air rifles. Accepted on 7th March 1972.

Comprises a thin wire rope one end of the rope being connected to the piston of the air rifle and the other end to a first combination of a winding barrel and spur gear mounted on a shaft operated by a knob wherein a second combination of a pinion, wheel and shaft being provided in such a way that wheel in the first combination gears with the pinion of second combination and a separate pinion mounted on the shaft operated by knob gears with the wheel of second combination.

130799. Ube Industries, Ltd. Process for the treatment of a reaction product obtained by oxidation of cyclohexane. Accepted on 6th March 1972.

Process wherein a reaction product obtained by the oxidation of cyclohexane is treated with an aqueous alkali solution, alkalis including caustic soda and sodium carbonate are recovered from the resulting alkaline waste liquor, and thereafter these alkalis are recycled to the foregoing step wherein the reaction product obtained by the oxidation of cyclohexanone is given an alkaline treatment.

131071. Inde S. A. Improvements in or relating to machining apparatus. Accepted on 2nd March 1972.

Comprising a base having an elongated bed, work holders means on carriages movable along the bed, each work holder means comprising means for supporting the piece of material and tool means, and means for operating the tool carrier means simultaneously to machine different parts of the piece of material.

131325. K. K. Xavier. An improved light arrangement for parallelogram bar type drafting machines. Accepted on 2nd March 1972.

Comprises at least a pair of cantilever bars one end of the bars being fixed to the top end link between the upper pair of parallel bars of the drafting machine, the other end of the bars carrying a sleeve, a tube being provided in the sleeve, the tube contains two threaded spindles each carrying a light arrangement in such a way that when the spindles are operated by knobs provided at each end of the tube, the lights move towards or away from each other.

131395. Beckett, Laycock & Watkinson Limited. Improvements in or relating to window units. Accepted on 4th March 1972.

A window unit comprising at least one pane surrounded by a frame designed to be inserted as a unit laterally.

131416. Farbenfabriken Bayer Aktiengesellschaft. Apparatus for drying rubber masses. Accepted on 8th March 1972.

An apparatus for drying rubber masses, comprising an expansion screw machine provided with a nozzle plate having nozzles, a heat shielding plate and having protective tubes through which the nozzle project, a conveyor pipe operable by air and cooling means provided for the conveyor pipe and the separator.

131434. I. M. Ryabov and A. A. Shlykov. Method of producing soldered or brazed joint. Accepted on 8th March 1972.

A method of producing a soldered or brazed joint between parts according to which placed into a gap between the parts to be connected with-in the joint there between is a resilient heat-resistant sealing member made of a material featuring no adhesion with the solder or braze material, the wire is placed onto said sealing member such that a portion thereof should extend outside said solidified solder or braze, when in a molten state, being used to fill the gap remaining above said sealing member after said sealing member and said wire have been appropriately placed into

said gap between the parts to be connected, said molten solder or braze, upon cooling and solidification, forming a joint or seam between said parts.

131548. RCA Corporation. Improved contact structure for semiconductor devices. (13th January 1971). Accepted on 2nd March 1972.

Comprises a semiconductor body having a major surface, an insulating coating overlying surface, coating having an aperture extending to surface, a first layer of a metal having relatively high temperature properties overlying coating and aperture, a second layer of a metal having relatively low temperature properties and spaced apart from first layer, a polycrystalline semiconductor layer interposed between and contacting first and second layers and terminating means contacting second layers.

131770. Grain Processing Corporation. Process for decomposing calcium sulfate. Accepted on 6th March 1972.

In the process for reductively decomposing calcium sulphate by contacting particles thereof with a reducing gas at a temperature between 2150°F to 2280°F the improvement which consists in passing a mixture of air and a reducing gas through a bed of particulate calcium sulphate.

131796. Dr. C. Otto & Comp. GMBH. Rich-gas fired regenerative coke oven. Accepted on 8th March 1972.

Regenerative coke oven having means for feeding air under pressure for decarbonising the feed ducts for the burners characterised in that the feed ducts for different burner groups are adapted to be supplied selectively with rich gas and compressed air, in that the compressed air is fed to each burner via stop cocks when the supply of rich gas to said group is interrupted during a half reversal period, and in that means are provided to open said stop cocks during a fraction of said half reversal period, whereby compressed air is fed to the ducts of said burner group for a period sufficient only to effect decarbonisation thereof.

132161. Heinrich Koppers Gesellschaft mit beschränkter Haftung. Coal gasification plant. Accepted on 6th March 1972.

Comprises a combustion chamber with a burner and means for discharging slag, a steam boiler with radiation and contact section, the combustion chamber on that and radiation section having vertical non aligned axes parallel with one another radiation section having a gas flow cross-section larger than that of the combustion outlet, and having waste matter discharge means at the side remote from the combustion chamber outlet.

133386. The Upjohn Company. 1-(substituted-hydrocarbyl)-diand trihalopyrazoles, and process for their preparation. [Divisional date 14th September 1970]. Accepted on 6th March 1972.

Process for preparing di-and trihalopyrazole 1-alkanoic acid and 1-alkenoic acids which comprises heating to a temperature between 25° to 140°C and thus reacting a di- or trihalopyrazole with an alkyl haloalkanoate or an alkyl-haloalkanoate in a reaction medium of acetone in the presence of an anhydrous alkali metal carbonate until N-substitution is completed, the thus produced compound is hydrolyzed with alkali to give the alkalimetal metal salt which in turn is acidified to give desired di- or trihalopyrazole-1-alkanoic or 1-alkenoic acid.

133936. Textronix, Inc. Decade ring counter circuit. [Divisional date 16th June 1970]. Accepted on 3rd March 1972.

Having a pair of first bipolar transistors and a pair of second bipolar transistors, collector of one first transistor is connected to the base of one second from anistor, other first transistor having its collector connected to the base of the other second transistor, a plurality of bias resistor connected to the bases.

Opposition Proceedings

An opposition has been entered by Sharpedge Limited to the grant of a patent on application No. 125527 made by Harbans Lal Malhotra & Sons (Private) Limited.

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Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

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Satyanarayana, V. S.—134727.		Xavier, K. K.—134699.	
Sehgal, B. K.—134578.			Z
Sen, Banamali—134742.		Zurcher, A.—134604.	
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Shah, J. J.—134513.			
Shah, T. W.—134446.			
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Sharma, S. P.—134493.			

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